Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

e of Work: Construction of First Floor to Samudaya Bhavan at Abbigere for Yoga Kendra in Ward No.12, in Shettyhalli Sub Division.

Est .Cost Rs. 15.00 Lakhs

	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
	Providing and constructing **pre cast concrete solid blocks** with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quoins, jamb,closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials,labour charges,scaffolding,curing etc., complete as per superstructure **(Page No.25,Item No.5.27)**								
	First Floor	**Sqm**							
	Long wall		2	16.90		3.90	131.82		
	Short wall		1	14.40		3.60	51.84		
	below stair case		1	14.40		4.20	60.48		
	Parapet wall		2	16.90		0.40	13.52		
			1	14.40		0.40	5.76		
	Columns		4X2	0.40		3.60	11.52		
						Total:-	**274.94**		
	Deduction for openings								
	Door D		1	1.00		2.10	2.10		
	Window W		8	2.20		1.65	29.04		
						Total:-	**31.14**		
						Net Qty	**243.80**	**1011.96**	**246716.00**
	Basic Rate	937.00							
	Area Weightage 8%	74.96							
		1,011.96							
2	KSRB 4.2.8: **Providing and laying in position reinforced cement concrete of design mix M20 with** OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for **all works in ground floor level for roof slabs, staircase, lintles, and beams** retaining walls, return walls, walls (any thickness) including attached plasters, **columns,** pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6. **(P. No. 14/ I.No. 4.13 of CSR 2016-17)**									
	For Lintel	Cum	2	16.90	0.20	0.30	2.03		
			2	14.40	0.20	0.30	1.73		
							3.76	**6650.64**	**24980.00**
	Basic Rate	6,158.00							
	Area Weightage 8%	492.64							
		6,650.64							
3	**Providing and fabricating TMT . Steel (cold, Twisted) reinforcement for R.C.C.** work including straightening, cutting, bending, hooking,placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design(laps and wasteage shall not measured and paid) cost of materials. labour. HOM of machinery complete as per specifications (Page NO. 17, Itm. NO. 4.46) Fe 500								

Scanned by CamScanner

		Tonne							
	Basic Rate	60,607.00					**0.38**	65,455.56	**24585.00**
	Area Weightage 8%	4,848.56							
		65,455.56							
	Providing and removing centering shuttering strutting propping etc., and removal of form work for sides and soffits of **beams beam houchings** cantilever girders bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specification (**Page No. 16, item No. 4.34)**								
	RCC lintle	**Sqm**	4	16.90		0.30	30.42		
			4	14.40		0.30	25.92		
							56.34	276.48	**15577.00**
	Basic Rate	256.00							
	Area Weightage 8%	20.48							
		276.48							
5	**Fabricating, supplying & erecting M.S. angular Truss** of span upto 10m. The bottom & top member is provided with 50x50x6mm double equal angles, welded back to back and in between top & bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing No.CBS/ SD/K-Mantap/9/MND/97. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification. **(Page No. 40 Item No. 7.30 o f CSR 2016-17).**									
	for one truss	Kgs	2	16.90			33.80		
			17	0.40			6.80		
			16	1.20			19.20		
				Length in mtr			**59.80**		
	for 3 trusses			3x59.80			179.40		
	Purlins		11	14.80			162.80		
				Total			342.20		
	wt of trusses and purlins 60x60x6 mm			342.20 m x 5.40 kg/m			**1591.23**		
	Add 15% for plates						**238.68**		
				Total Wt			**1829.91**	126.36	**231228.00**
	Basic Rate	117.00							
	Area Weightage 8%	9.36							
		126.36							
6	KSRB 8.3-1 : **Providing and laying to required line and slope roofing with** corrugated asbestos cement sheet 6mm. thick fixed with galvanised iron J or L hooks, bolts and nuts 8mm. dia C.I plain and bitumen washers over the existing purlins, rafters and trusses including cost of materials, labour, complete as per specifications. Specification No. KBS 8.5 **(P.No. 46, I.No. 8.3 of PWD SR 2016-17)**									
		sqm	1	17.30	15.00		**259.50**	831.60	**215800.00**
	Basic Rate	770.00							
	Area Weightage 8%	61.60							

Scanned by CamScanner

	Area Weightage 8%	2.00							
		27.00							
11	**Providing 20mm thick cement plaster in single coat** with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications **(Page No114, Item No.15.18)**								
	OutSide	**Sqm**	2	16.90		3.90	131.82		
	Parapet		2	14.80		3.90	115.44		
			2	16.90		0.40	13.52		
			1	14.80		0.40	5.92		
							266.70		
	Deductions Door D	0.5	1	1.00		2.10	1.05		
	Windows	0.5	8	2.00		1.35	10.80		
							11.85		
	Basic Rate	**259.00**					**254.85**	287.28	**73213.00**
	add for water proofing	**7.00**							
	Total	**266.00**							
	Area Weightage 8%	21.28							
		287.28							
12	**Providing vitrified tiles 60 x 60cms of approved make,** shade and size for flooring laid on a bed of 12mm thick cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing complete as per specification.**(P 106 It 14.45 PWD SR 2016-17)**								
	Flooring	**Sqm**							
			1	16.50	14.40		237.60		
			2	16.50	0.10		3.30		
			2	14.40	0.10		2.88		
	Basic Rate	1,112.00					**243.78**	1,200.96	**292770.00**
	Area Weightage 8%	88.96							
		1,200.96							
13	**Providing and applying painting two coats with plastic emulsion paint** of approved brand on wall surface to give an even approved shade after throughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications **with primer.(Page No. 116, Item No. 15.51.2)**								
		Sqm	Qty vide item No				254.13		
							254.13	97.20	**24701.00**
	Basic Rate	90.00							
	Area Weightage 8%	7.20							
		97.20							
14	**Providing and finishing external walls in two coats with waterproof cement paint of** approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered materials, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications **(Page No. 117, Item No. 15.53.2)**								
		Sqm	Qty vide item No.27				254.85		
							254.85	90.72	**23120.00**
	Basic Rate	84.00							
	Area Weightage 8%	6.72							
		90.72							

Scanned by CamScanner

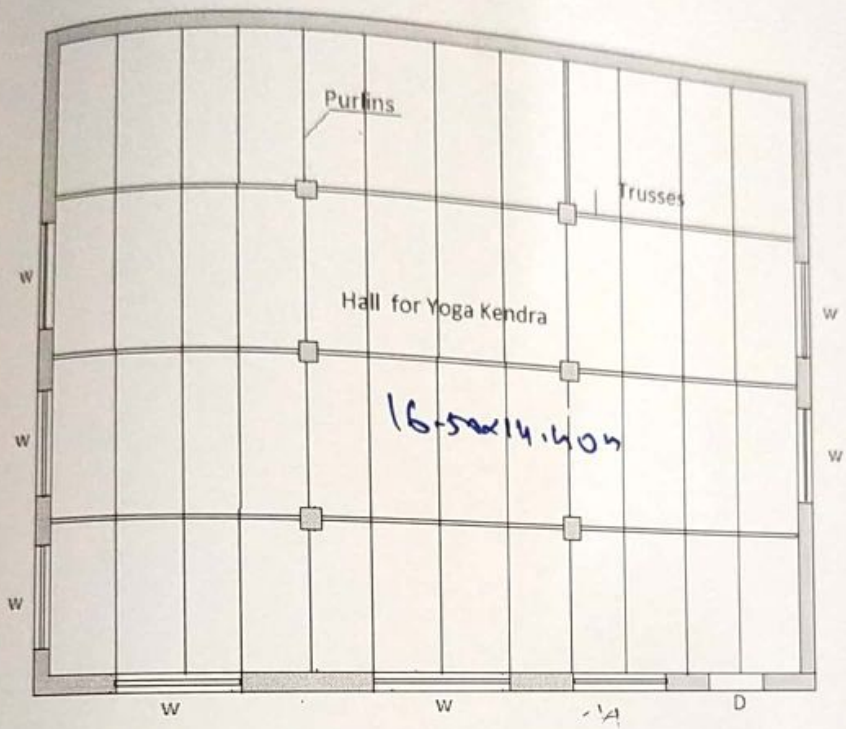
Groove Cutting : Supplying ... dia 2mm/2.5mm thick heavy gauage PVC conduit pipe on bends metal junction boxes adhesive paste etc. and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire through out the conduit wherever necessary **KPWD SR 2014-15 (P-2,I-3)**								
20 mm dia 2 mm thick	**mtr**	1	35.00			35.00	43.00	**1505.00**
5 mm dia 2mm thick		1	25.00			25.00	53.00	**1325.00**
Supplying and flush mounting teak wooden box with out front plank made of not less than 12mm thick wood after due groove cutting necessary masnory patck work complete. **KPWD SR 2014-15 (P-3,I-6)**								
7"X7"X3" (178X228X76mm)	**Each**	2				2	68	**136.00**
9"X6"X3" (228X228X76mm)		2				2	52	**104.00**
Supplying and fixing PVC /metal conduit accessories sepecial type Junction Box **(I.5/P33) KPWD SR 2014-15**								
32 mm Junction Box	**Each**	6				6	29	**174.00**
Fan Box 18 /SWG		3				3	57	**171.00**
Point Wiring using copper wire switch supplying and wiring adopting loop system in existing PVC Conduit / casing capin Copper PVC insulated multi strand 2x1 .5 Sqmm copper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet gang box the other end of the wires shall be terminated with sufficient loose length in a wood PVC round block complete for each outlet **KPWD SR 2014-15 (P.3/I.8) Point Wiring using Class A Materials**								
a) Short point upto 3 Mtr from tapping point ot out let via switch	**Nos**	5				5.00	175.00	**875.00**
b) Medium point above 3 mtr upto 6 mtr from tapping point to out let via switch		5				5.00	260.00	**1300.00**
Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate **KPWD SR 2014-15 (P.8/I.18)**								
1-3 Way	**Each**	5				5.00	90.00	**450.00**
4-5 Way		2				2.00	100.00	**200.00**
Supplying and fixing superior quality modula switch mounting polyorbonate plate with necessary supporting back plate with requires nos of machines screwes, bolts nuts etc., complete on the existing metal/PVC box **KPWD (P.7/I.17) 2014-15**								
1 to 3 Modular	**Each**	1				1.00	82.00	**82.00**
4 Modular		1				1.00	100.00	**100.00**
Supplying and fixing of modular switch / socket/stepped electrical fan regulater / dimmer / telephoe socket etc on existing modular switch plate **KPWD SR 2014-15 (P.7/I.17)**								
6 Amps 3way Socket	**Each**	5				5.00	165.00	**825.00**
Stepped Fan Regulator		2				2.00	530.00	**1060.00**
Wiring for lighting power curcuit using one of PVC insluated 1100v grade multistrand copper conductor single core cable in open or concealed system of wiring **P-9, i-20 KPWD SR 2014-15**								
5 Sqmm	**mtr**	50				50.00	150.00	**7500.00**

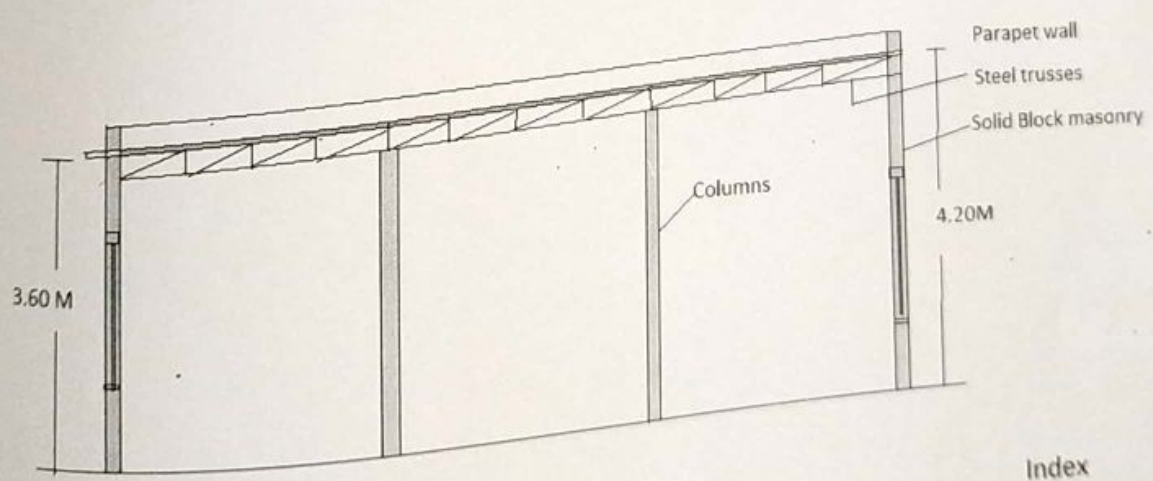
Scanned by CamScanner

	Supplying an fixing one of volts PBBC bakelite straight or slant batten holder and wiring with in 60w/230 volts lamps **KPWD SR 2014-15 (P-13, I-2)**								
		Each	1				1.00	60.00	**60.00**
	Extra for supplying 4mm thick white plastic plate and convering for juncrtion boxese or size 80 mm conduit using necessary machine screws **KPWD SR 2014-15 (P-10, I-26)**								
	8mm	**Each**	3				3.00	6.48	**19.00**
	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulatoirs etc and fixing in existing wooden or metal box using NF screws **KPWD SR 2014-15 (P-11, I-29)**								
	8mm	**sq cm**	2500				2500.00	0.22	**550.00**
	Supply patty type fluorescent tube light fitting of 4' - 36/40 watts fluorescent tube fitting, made out of M.S. Sheet and stove enameled with low loss open construction copper wound ferromagnetic ballast, starter, locking, locking type brass contact holder mounted on double fold type sheet base fully wired for used on 230 Volts A C Supply including fluouresecent tube Group 'A'Complete **KPWD SR 2014-15 (P-16, I-2)**								
	Group A	**Each**	4				**4**	675.00	**2700.00**
	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system KPWD SR 2007-08 (P-23, I-23) Regulator Model (Khaitan, Crompton Geaves, Orient, Polar, Bajaj, Usha, Havells, Almonard Regular Mode **KPWD SR 2014-15 (P-23, I-23)**								
		Each	2				**2**	1800.00	**3600.00**
	Supplying and fixing superior quality modula switch mounting polyorbonate plate with ncecessary supporting back plate with required nos. of machines screwes, bolts nuts etc., complete on the existing metal Complete **KPWD SR 2014-15 (P-7, I-17)**								
a	1 to 3 Modular	**Each**	2				**2**	82.00	**164.00**
b	8 Modular	**Each**	2				**2**	175.00	**350.00**
	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate **Complete KPWD SR 2014-15 (P-7, I-17)**								
a	6Amps one way.	**Each**	1				**1**	96.00	**96.00**
b	6Amps 3way Socket.	**Each**	2				**2**	165.00	**330.00**
	Supplying, fixing, **wiring, earth electrode for grounding** conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, Complete **KPWD SR 2014-15 (P 8, I-18)**								
		Each	1				**1**	3000.00	**3000.00**

Scanned by CamScanner

Work: Construction of First floor to Samudaya Bhavan at Abbigere for Yoga Kendra
In ward No 12 Shettyhalli, Shettyhalli Sub Division





Index

D = Door 1.00 m x 2.10 m
W = Window 2.10 m x 1.50 m

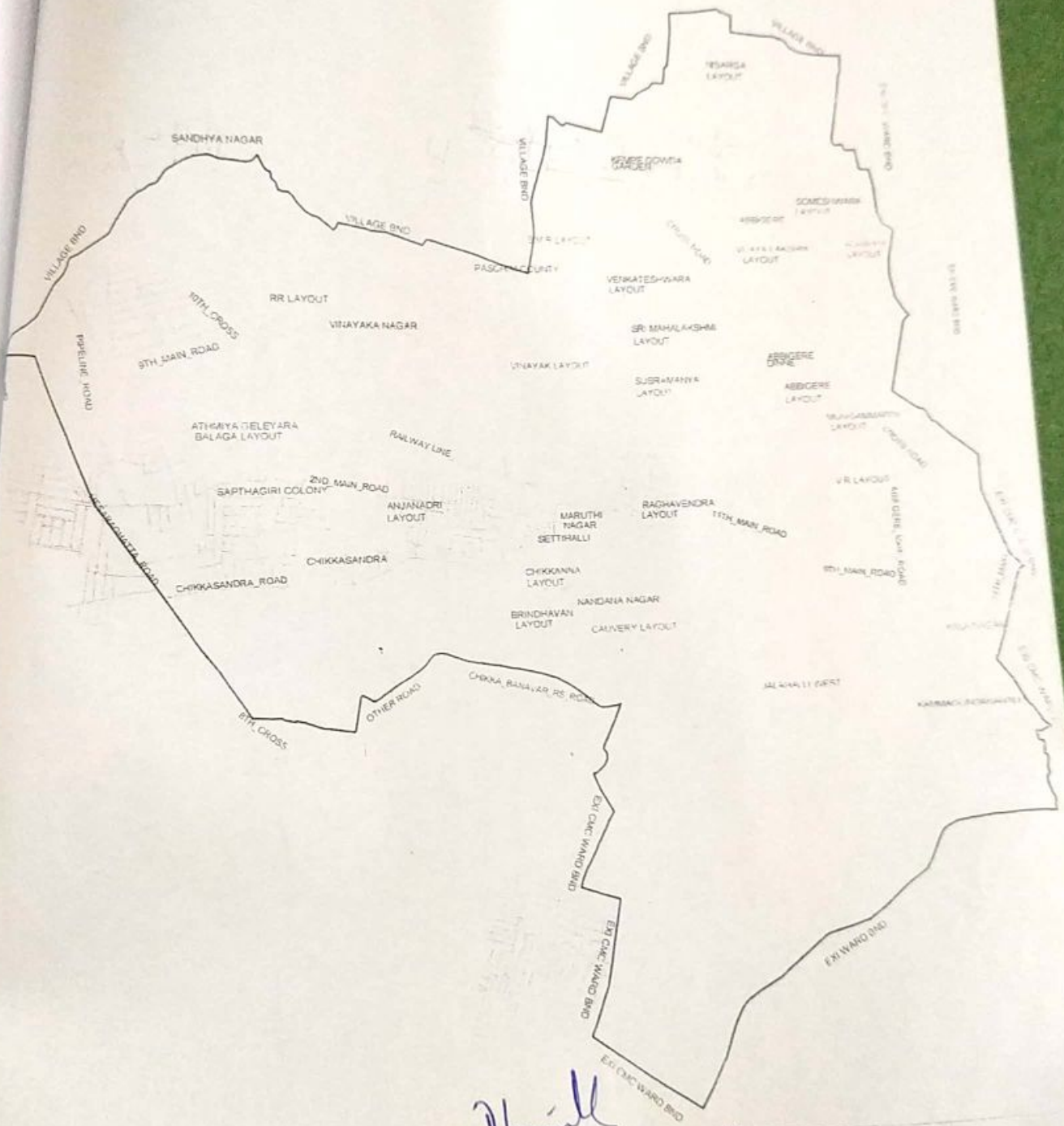
Assistant Executive Engineer
Shettyhalli Sub Division, BBMP

Assistant Engineer

Scanned by CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE
WARD : 12 - SHETTIHALLI

155 - DASARAHALLI



INDEX

- PROPOSED WARD BOUNDARY
- RIVER/ DRAIN
- RAILWAY LINE
- ROAD

NOTIFICATION NO. UDD 59 MLR 2009. DATE. 15.07.2009

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Scanned by CamScanner

Sub Total		1347852.00
...ge TP and other charges		150000.00
...cellaneous and unforeseen charges		2148.00
	Total	1500000.00

(Rupees Fifteen lakhs only)

The Work spot has been inspected and the work found to be necessary
The Estimate is prepared as per the PWD SR 2016-17
The Provision made in estimate are adequate and essential
This area comes under BBMP limits.

Asst Engineer
Ward No-12

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ಸಂ. EE/DD/AS/608/17-18 ದಿನಾಂಕ : 05/12/17

ರೂ. Rs. 15.00 Lakh

Rupees fifteen Lakh only

ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

P-3332

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ಸಂ. EE/DD/TS/435/17-18 ದಿನಾಂಕ : 05/12/17

ರೂ. 15.00 Lakh

Rupees fifteen Lakh only

ಸದರಿ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

Scanned by CamScanner